

19980908.ba v02_n207.bam.980908

>From ???@??? Wed Sep 09 04:35:14 1998
Message-Id: <199809081648.LAA20137@sco.theporch.com>
Date: Tue, 8 Sep 1998 11:46:33 CDT
Subject: BOATANCHORS digest 2207

BOATANCHORS Digest 2207

Topics covered in this issue include:

- 1) R390s Summer Blues :>
by laffitte@prtc.net (laffitte)
- 2) Re: Bulb characteristics?
by Charles Ring <charlesr@infonline.net>
- 3) Drake AC-4 schematic
by zeitler@ibm.net
- 4) Looking for Power supply PP-327
by CEMILTON@aol.com
- 5) PLESSEY PR152
by John Wright <dxer@fl.net.au>
- 6) RE: Packing Equipment
by "Jim Berry" <basalop@gte.net>
- 7) Western Radio Amateur, etc.
by Bob/WB0AUQ <brainbol@lawrence.ks.us>
- 8) Re: "Most Obscure Anchor", new entries
by Kargokult@aol.com
- 9) Re: SB-100 series vs. HW-101
by Ray Mote <rmote@rain.org>
- 10) Re: Bulb characteristics?
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 11) Filament bulbs in circuits
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 12) About my Boatanchors WEB page
by "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
- 13) Re: Filament bulbs in circuits
by "Mike B. Feher" <n4fs@monmouth.com>
- 14) change of address

by Bill Jarvis <maestro@cix.co.uk>
- 15) Fil. Xformer w/o center tap
by "William L. Fuqua III" <wlfuqu00@pop.uky.edu>
- 16) Re: Filament bulbs in circuits
by ail0@lehigh.edu (ARTHUR I. LARKY)
- 17) FS Honeycomb coil
by "Ragnar Otterstad" <otterstad@inet.uni2.dk>
- 18) LC Tank "Q" Question?
by Mike <ac5p@ionet.net>

- 19) SP-600 J - falls where in the line?
by Brien Pepperdine <pepperb@gov.on.ca>
- 20) 2K25 Tubes
by mack@mails.imed.com (Ray Mack)
- 21) Re: Filament bulbs in circuits
by N5CM@aol.com
- 22) INFO WTD Re: Black Widow
by "Eugene Rippen" <soundval@foothill.net>
- 23) Re: Filament bulbs in circuits
by johnmb@mindspring.com
- 24) WTB: Racal Parts
by Al Klase <skywaves@bw.webex.net>
- 25) Re: Fil. Xformer w/o center tap
by "Arden Allen" <gumbear@pacbell.net>
- 26) R390A Meters
by "ROBERT F. KEMP" <rkemp@mr.net>
- 27) Re: Fil. Xformer w/o center tap
by "Mike Feher" <n4fs@monmouth.com>

Message-ID: <35F45DC9.97FEB91F@prtc.net>
Date: Mon, 07 Sep 1998 19:27:21 -0300
From: laffitte@prtc.net (laffitte)
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: R390s Summer Blues :>(
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Gang;

First it was the R390URR broken slug, then the 7 and 8 MC bands became intermittent. Now my EAC R390A has a broken clamp in the tuning mechanisms so I need to take it out of the rack :>((. Boy, am I gonna sing the R390 blues the rest of this summer. Whats next!!

Best 73s to all
Guido KP4FAR
BA Collector in the Tropics (Cape Verde Hurricane alley is quiet :>))
San Juan, PR USA

Message-ID: <35F47CB1.90D@infonline.net>
Date: Mon, 07 Sep 1998 20:39:13 -0400
From: Charles Ring <charlesr@infonline.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
CC: boatanchors@theporch.com

Subject: Re: Bulb characteristics?
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A. B. Bonds wrote:

>

> Anyone know what a 1483 bulb is? It has a miniature screw base, round
> envelope about 1/2" in diameter.

>

The 1977 GE Miniature Lamp catalog lists it as a bicycle tail lamp bulb,
6 volts, .04 amp, 0.1 candle power. That's pretty weak - you'd get more
light from any decent reflector.

73 de W3NU

From: zeitler@ibm.net
Message-ID: <001d01bddac1\$f63edc60\$f5292581@km3g>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Drake AC-4 schematic
Date: Mon, 7 Sep 1998 17:45:15 -0700
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Glow Bug Collectors,
Looking for a schematic for a Drake AC-4. Any help appreciated. Good in the
QRZ Online CallBook.

Lane
KM3G
San Diego

From: CEMILTON@aol.com
Message-ID: <27ca1a93.35f48a84@aol.com>
Date: Mon, 7 Sep 1998 21:38:12 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Looking for Power supply PP-327
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Fellow anchorites:

I'm looking for a military power supply PP-327. Anyone with info/leads or for

sale please notify me direct. Thanks in advance es 73.

KF4LYF
Chuck

Message-ID: <35F46108.221F@fl.net.au>
Date: Tue, 08 Sep 1998 09:41:12 +1100
From: John Wright <dxer@fl.net.au>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: PLESSEY PR152
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John Wright in Australia.

Well it appears quite a number of people have emailed me privately about wanting a manual for the Plessey PR152. Trouble is no one seems to have a manual, so can anyone come up with ideas of getting one, is there a British BA list, as this is a British set. Any ideas appreciated.

Regards Johnno

From: "Jim Berry" <basalop@gte.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <owner-boatanchors@theporch.com>
Subject: RE: Packing Equipment
Date: Mon, 7 Sep 1998 19:33:03 -0700
Message-ID: <000201bddad1\$01334840\$1f4afdd0@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Another source for packing stuff is any store that sells say sewing machines, TV, stereos and you name it. This stuff all comes in special shaped foam packing that you can reshape to use to pack up BA's. Sure it is not flat sheets, but it is free and they are more than glad to let you take all you want. Take a look behind one of these stores. Some have huge amounts of the stuff. You will get all kinds of ideas on how the stuff can be reused.

73 Jim K7SLI

Message-ID: <35F4B53F.5D8E@lawrence.ks.us>
Date: Mon, 07 Sep 1998 23:40:31 -0500

From: Bob/WB0AUQ <brainbol@lawrence.ks.us>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Western Radio Amateur, etc.
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi BAers,

Have spent an enjoyable evening browsing thru a bunch of issues of Electronics Journal (formerly Western Radio Amateur). Only have issues from early 60s but looks like it started up in mid-50s. Anyone know how long this magazine lasted?

Suspect contributor Howard Pyle/W7OE is an SK by now, but how about some of the other fellows: Ed Marriner/W6BLZ, Rufus Turner/K6AI, Don Stoner/W6TNS, Don Williamson/W6RJE)?

Howard was on a hunt for the FIRST LICENSED ham, and the last issue I have lists Tom Appleby/W3AX as the most likely. Was this ever determined? Anyhow, has been good reading as Pyle sure could spin a yarn.....

--

Bob/WB0AUQ AMI #213 SPAM #1162 FISTS #1905
mailto:brainbol@lawrence.ks.us
<http://www.sunflower.com/~brainbol/index.html>

From: Kargokult@aol.com
Message-ID: <7bf34108.35f4cf7b@aol.com>
Date: Tue, 8 Sep 1998 02:32:27 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Mime-Version: 1.0
Subject: Re: "Most Obscure Anchor", new entries
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-09-07 03:54:58 EDT,
otterstad@inet.uni2.dk writes:

>
> Type HMZL/OKM marine receiver made by Phillips in the Netherlands
>
> BUT :
> All legends in German. It turned out it was used by Kriegsmarine (Nazi
> navy) during WW2.

this is not a rare receiver, or obscure, IMO.

what is a mystery, to me at least, is what the name represents.

HMZL34 OKM, OKM = Oberkommando der Kriegsmarine ???

The Reich also employed German-labeled Italian equipment,

and maybe even relabeled US equipment, if you recall that
some crashed B-17s were repaired and flown.
hue

Date: Mon, 7 Sep 1998 23:28:23 -0700 (PDT)
From: Ray Mote <rmote@rain.org>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: SB-100 series vs. HW-101
Message-ID: <Pine.SUN.4.02A.9809072320570.17653-100000@coyote.rain.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Oh yeah, the SB-101 was a beauty! "The poor man's KWM-2" as it came to be called. Went together (in my shack down in Puerto Rico) like a dream, lit off okay except low output from the tx. It was then that I discovered I'd pulled the HV for the finals from the *center* of the bleeder! Only took a couple minutes to find and correct, but boy was my face red...

Same red face when I discovered my little faux pas: Was providing comm from disaster van at annual Air Force Commanders' Conference for the guys who went fishing at Lake Guajataca. Had the SAC KWM-2/30L-1 on AF freqs, and my little SB-101 on 20 meters. Told this fella who enquired of the "poor man's KWM-2", no need to spend all that money on expensive Collins stuff because the Heath could match its performance, etc. Then he told me that he was not only a Canadian Air Vice-Marshal (or something of that sort), but also a migh muckey-muck in Collins Radio of Canada! Yikes! Yeah, I tend to shoot off my big mouth at *all* the wrong times... luckily, there were no repercussions and they even let me pig out at the fish fry that night. :-)

73....Ray Mote, K5FKT <rmote@rain.org> Oxnard, CA

Message-Id: <199809080737.IAA01303@punt2.hw.ac.uk>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>
CC: boatanchors <boatanchors@theporch.com>
Date: Tue, 08 Sep 1998 08:35:14 +500
Subject: Re: Bulb characteristics?

On 1998-09-07 ab@vuse.vanderbilt.edu said:

`Anyone know what a 1483 bulb is? It has a miniature screw base,
`round envelope about 1/2" in diameter.
`73 A. B. Bonds

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

Please, forgive me for this crossposting, but it is the only way to reach the greatest number of possibly interested parties.

As some of you know, I maintain a WEB page, "EB5AGV Vintage Radio Site" (address in the signature of this message), devoted mainly to Boatanchors and vintage test equipment. This includes Collins, Drake, Heathkit, Hammarlund, TV-7, R-390(A), ... Well, my page is hosted in Geocities, a free page server. Of course, free means that you should have some commercials included and, in the Geocities case, they put a commercials page when you load any of the pages hosted by them. Some people has told me if I can remove the commercials. The answer is NO :-(. But you can _almost_ forget about them if you MINIMIZE the commercials page (DON'T close it!). So you can browse the entire site with just one minimized commercials page. It will just add some seconds to your download time.

Again, forgive me for this 'off-topic' comment, but I hope this will be useful for you, as there are about 1,500,000 geocities pages and this 'trick' has worked for me also with other servers commercials.

Best regards from Spain.

JOSE

73 EB5AGV / EC5AAU
JOSE V. GAVILA
Ausias March 46, 15
46910 Benetusser - VALENCIA
SPAIN

** VISIT MY VINTAGE RADIO SITE - updated 28-August-1998 ***
<http://www.geocities.com/SiliconValley/6992/>
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

Message-ID: <003001bddb2d\$ebfbc940\$2f18bfd1@n4fs>
From: "Mike B. Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "boatanchors" <boatanchors@theporch.com>
Subject: Re: Filament bulbs in circuits
Date: Tue, 8 Sep 1998 06:38:07 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

the differential voltage.

I have not seen this before and welcome any useful advice or suggestions.

73

Bill wa4lav

William L. Fuqua III P.E. E-mail WLFUQU00@POP.UKY.EDU Phone (606) 257-4155
Department of Physics and Astronomy CP-177 Chem. Phys. Bldg.
University of Kentucky , Lexington, Ky 40506-0055

Message-Id: <199809081252.IAA47834@ns4-1.CC.Lehigh.EDU>
Date: Tue, 08 Sep 1998 08:52:40 EDT
From: ail0@lehigh.edu (ARTHUR I. LARKY)
Subject: Re: Filament bulbs in circuits
To: Old Tube Radios <boatanchors@theporch.com>

>-----Original Message-----

>From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>
>To: Old Tube Radios <boatanchors@theporch.com>
>Cc: boatanchors <boatanchors@theporch.com>
>Date: Tuesday, September 08, 1998 1:48 AM
>Subject: Filament bulbs in circuits

>

>

>>I know of many advantages of using a filament bulb in tube circuits: (1)
>>a fuse which warns you before going off, (2) a current indicator [none,
>>OK, too much], (3) very useful - a self-varying resistance in DC (or
>>very low frequency) feedback stabilising circuits, agc for example, and
>>voltage or current stabilisers.

Audio oscillators of the bridge type used a bulb to stabilize the feedback. I think you would find one in the earliest hp oscillators. (The ones used in Fantasia.)
Art K3HBA

Message-Id: <199809081254.0AA02912@inet.uni2.dk>
From: "Ragnar Otterstad" <otterstad@inet.uni2.dk>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: FS Honeycomb coil
Date: Tue, 8 Sep 1998 14:36:17 +0200
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 8bit

One DE FOREST honeycomb plug-in coil with calibration chart 4000-200000
meter wavelength
needs a new home.

Any offers ? I believe its value is 10-30 dollars . Surface postage to
USA 10 dollars.

73 rag oz8ro

Date: Tue, 8 Sep 1998 08:54:41 -0500 (CDT)
Message-Id: <199809081354.IAA15619@mail.ionet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: Mike <ac5p@ionet.net>
Subject: LC Tank "Q" Question?

The following formulae were found in the 1937 edition of JONES RADIO HANDBOOK:

For a class C amplifier the LC tank "Q" = VA/Watts, where the "VA"
represents the volt amperes of the oscillating LC circuit and "watts"
represent the actual power transferred to the antenna or power output.

Further, VA can be computed from $VA = (E_p \text{ rms})^2 \text{ divided by } X_c$
or X_L which are equal at resonance. E_p being the rms of the RF plate
voltage.

Does this make sense? If so, then tank "Q" is simply the reciprocal of the
power factor which is the ratio of watts to voltamperes, right?

Thanks,
Mike ac5p

Date: Tue, 8 Sep 1998 10:36:56 -0400 (EDT)
From: Brien Pepperdine <pepperb@gov.on.ca>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: SP-600 J - falls where in the line?
Message-ID: <Pine.OSF.3.93.980908103229.28973C-100000@govonca2.gov.on.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

OK - I've looked at a couple designations lists on WWW. Still wondering...

What is an Hammarlund SP-600 J ?

Any ideas on year, etc. I assume without anything else that one would be early, as in 1951 - and without the crystal bank and switch the JX designator does not apply.

(not JX, nor J and a number, just plain old letter J).

Brien Pepperdine
Amateur Radio Station VE3VAW
Toronto, Ontario Canada

Mime-Version: 1.0
Date: Tue, 8 Sep 1998 09:36:26 -0600
Message-Id: <000FBEC3.0@mails.imed.com>
From: mack@mails.imed.com (Ray Mack)
Subject: 2K25 Tubes
To: Old Tube Radios <boatanchors@theporch.com>
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Description: cc:Mail note part

Just getting to the digests from the weekend.

Someone had found a couple of NIB 2K25's. These are used in various pieces of MIL test gear (I have one such set) and may also be used in some versions of HP type 600 series signal generators. I'm not sure how valuable they are, but some folks with old X band gear may be interested. As others noted, these are reflex Klystrons and were pretty much lusted after by the microwave guys in the 40's, 50's and 60's.

Ray Mack
WD5IFS
mack@mails.imed.com

From: N5CM@aol.com
Message-ID: <22a080d4.35f544b6@aol.com>
Date: Tue, 8 Sep 1998 10:52:38 EDT
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Mime-Version: 1.0
Subject: Re: Filament bulbs in circuits
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Mike & Gang,

Back during the great depression, improvising Hams with little of the "green stuff" used pilot light bulbs to indicate current which took the place of current meters.

A common type was the 2V 60 Ma bulb used in many low powered rigs. I believe it was the Mazda Company that brought out a color chart, a card that was free for the asking that gave the color of the filament at different levels of current. Worked real good and gave a close approximation of the actual plate current.

I used one in each let of my 600 Ohm spaced wire feeders to my Zepp antenna with knife switches to short them out after tune-up.

Transmitter was a single type 47 tube in a "pull pull" oscillator circuit. (I'm still looking for the article I used which I believe I saw in "Hints & Kinks" in QST Magazine.

And fellows, there is no such thing as a "Center fed Zepp". (For any that may be misinformed).

73, Ken....N5CM....

Message-ID: <00ab01bddb38\$cfc52fe0\$98714dd1@soundval.foothill.net>
From: "Eugene Rippen" <soundval@foothill.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: INFO WTD Re: Black Widow
Date: Tue, 8 Sep 1998 07:56:07 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I would like some info about the "Black Widow transmitter and receiver" marketed about 1958.

It covered 2, 6, 10 and 220
6 to 8 watts out.
9 x 5 x 6 inches deep.
7.5 lbs.
Sold for about \$165.

AC PS was additional \$35
But this was advertised for mobile use.
One ad said "6 or 12 volts.

Ac Power Supply \$37.50"

Could someone tell me
Who made it?
What was the configuration of the PS(s)?
Can Someone send me a good picture
for inclusion in my next book?
What years was it made?
Was it strictly a West Coast thing?

Gene

From: johnmb@mindspring.com
Message-Id: <199809081508.LAA01006@camel7.mindspring.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: boatanchors@theporch.com
Subject: Re: Filament bulbs in circuits
Date: Tue, 8 Sep 1998 11:05 -0400

I think that bulb (2v 60ma) was a type 49?
/John

Message-ID: <35F55428.62BA9BA7@bw.webex.net>
Date: Tue, 08 Sep 1998 11:58:32 -0400
From: Al Klase <skywaves@bw.webex.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: WTB: Racal Parts
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'm looking for non-working Racal 6790GM receivers or parts for same.
What do you have?

73,
Al
--
Al Klase - N3FRQ
skywaves@bw.webex.net
Flemington, NJ 08822
Web Page: <http://www.webex.net/~skywaves/home.htm>

Message-Id: <199809081606.JAA20927@mail-gw3.pacbell.net>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Fil. Xformer w/o center tap

Date: Tue, 8 Sep 1998 09:08:47 -0700
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello Bill;

> Two matched chokes won't work.

Maybe a little filament transformer derived AC could be bled into the grid return to offset the effect of the unbalanced filament. Sorta like putting the grid-cathode potential difference mid-span between the filament endpoints? Is this the hair-brained idea of a whacko?

Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

Message-ID: <35F57A91.EAD@mr.net>
Date: Tue, 08 Sep 1998 11:42:26 -0700
From: "ROBERT F. KEMP" <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: R390A Meters
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Anyone have a set of meters for an R390A?
Let me know. Thanks to one and all.
Bob.

Message-ID: <008001bddb48\$595ae7e0\$4fa10b9e@mils179.monmouth.army.mil>
From: "Mike Feher" <n4fs@monmouth.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Fil. Xformer w/o center tap
Date: Tue, 8 Sep 1998 12:47:11 -0400
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How about a switch? For one month one side is grounded and then for the next the other and so on. 73 - Mike

Mike Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731

732-901-9193

-----Original Message-----

From: Arden Allen <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Date: Tuesday, September 08, 1998 12:07 PM
Subject: Re: Fil. Xformer w/o center tap

>Hello Bill;

>

>> Two matched chokes won't work.

>

>Maybe a little filament transformer derived AC could be bled into the grid
>return to offset the effect of the unbalanced filament. Sorta like putting
>the grid-cathode potential difference mid-span between the filament
>endpoints? Is this the hair-brained idea of a whacko?

>

>Arden Allen KB6NAX Vallejo, CA gumbear@pacbell.net

>

>

>

End of BOATANCHORS Digest 2207
